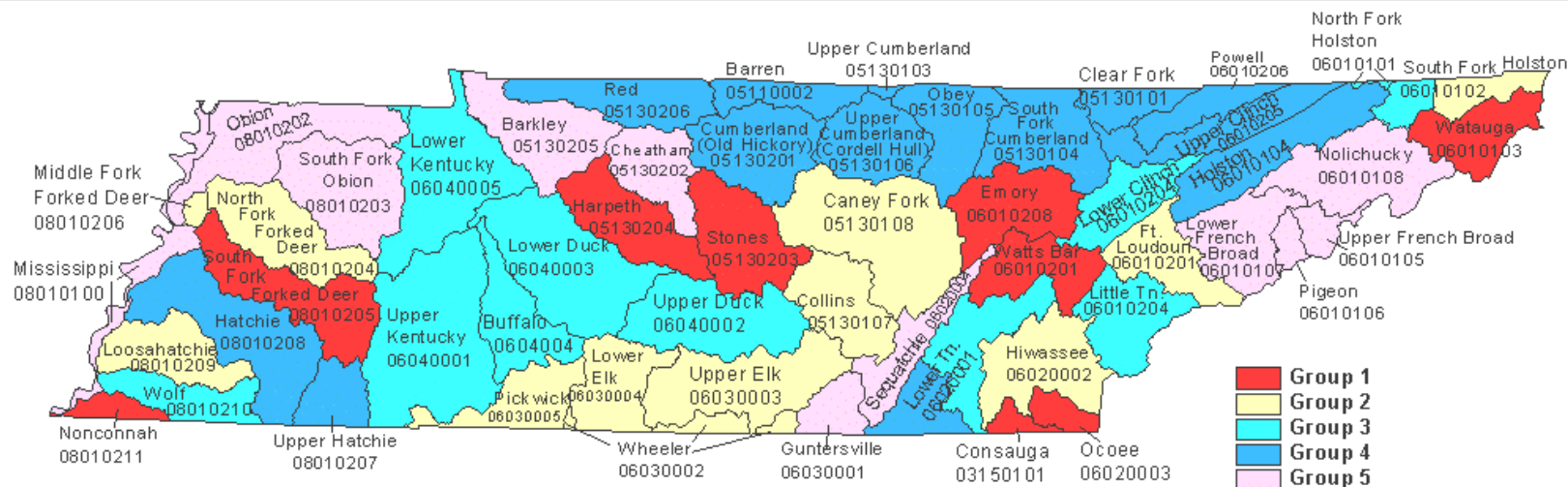


## Detailed Watershed Information



**Figure 26: Watersheds of Tennessee**

## Introduction

This chapter of the 2002 305(b) Report contains specific information on each of Tennessee's 54 watersheds. The U.S. Geological Service (USGS) has assigned an eight-digit hydrological unit code (HUC) to each watershed in the country. Fifty-four of these watersheds are wholly or partially contained within the State of Tennessee (Figure 26).

Each watershed description includes a water quality map, watershed statistics, a graph of support status of assessed rivers and streams, and a general discussion of water quality.

## Programs to Restore Water Quality

The 54 watersheds in Tennessee have been organized into five groups to systematically approach water quality issues (Figure 26). This watershed management approach coordinates public and government pollution prevention programs as well as stream assessments, plant inspections, and permit issuance.

By viewing the entire drainage area as a whole, the Department is better able to address water quality problems. This unified approach affords a more in depth study of watersheds and encourages coordination of public and governmental parties.

Each year every watershed group is in a different phase of the watershed cycle. Therefore, on a five-year rotation all watersheds are monitored, assessed, Total Maximum Daily Loads (TMDLs) are developed, and National Pollutant Discharge Elimination System (NPDES) permits are issued. The watershed management approach is further discussed in Chapter XIII.

Since one watershed group is assessed each year, this allows intense monitoring of 20 percent of the state's watersheds each year. Therefore all 54 watersheds are assessed every five years. The first five-year assessment cycle has been completed.

## **Programs to Assess Water Quality**

The information used to assess each of these waterways came from a variety of sources. The majority of the information came from TDEC's Division of Water Pollution Control (WPC). Additional information was furnished in some watersheds by various other government agencies, universities, consultants, NPDES permit holders, and the private sector.

The number of monitoring stations is included in the atlas for each watershed. See Chapter V for specific information on other data sources. Specific information on fish and water contact advisories can be found in Chapter IX.

## **Additional Assessment Information**

The waters listed as impaired in each watershed can be found in the 2002 303(d) List. The 2002 303(d) List also provides information on streams that have shown water quality improvement and have been removed from the 303(d) List in Appendix A.

Appendix C in the 2002 303(d) List identifies streams where TMDLs have been completed and approved by EPA.

Endangered species information can also be found in 2002 303(d) List, Appendix D.

To view the 2002 303(d) List go to the Department's website at:

<http://www.state.tn.us/environment>

A map illustrating the support status of rivers, streams and reservoirs in each watershed is included in the individual watershed descriptions. Color maps illustrating water quality in each watershed can also be viewed on the Department's website at:

<http://www.state.tn.us/environment/wpc/watershed/mapsummary>.

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